

Anti-VGlut1, NeuroMab clone N28/9

Immunogen:

Fusion protein amino acids 493-560 (cytoplasmic C-terminus) of rat VGlut1 (also known as Vesicular glutamate transporter 1, Brain-specific Na⁺-dependent inorganic phosphate cotransporter, Bnpi, Solute carrier family 17 member 7 and Slc17a7, accession number Q62634)

Mouse: 97% identity (66/68 amino acids identical)

Human: 95% identity (65/68 amino acids identical)

<50% identity with VGlut2 or VGlut3

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: rat, mouse, human

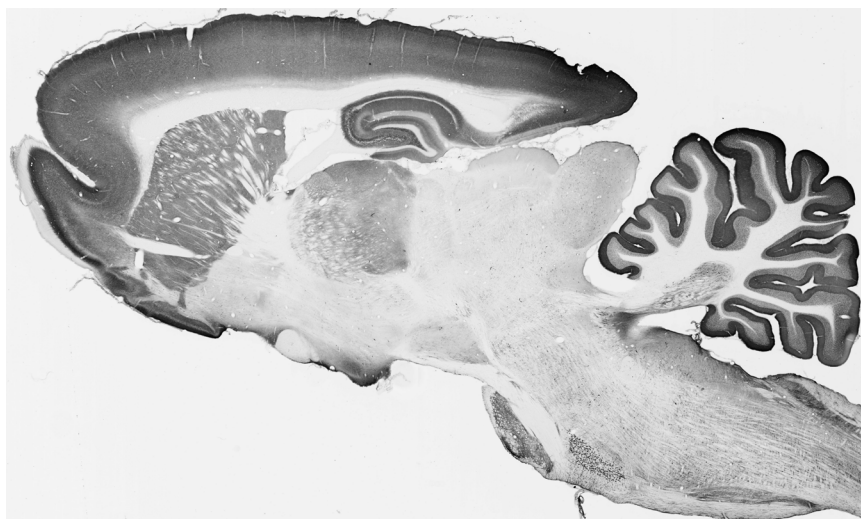
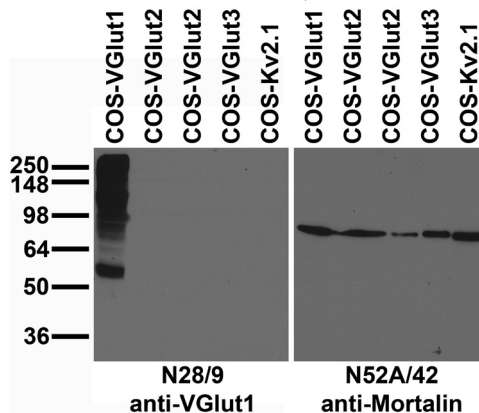
Does not react with VGlut2 or VGlut3

MW: 50-60 kDa

Top: immunoblot against extracts of COS cells transfected with untagged VGlut or Kv2.1 plasmid and probed with N28/9 (left) or N52A/42 (right) TC supe.

Right: adult rat brain membrane immunoblot

Adult rat hippocampal (center) and whole brain (bottom) immunohistochemistry



N28/9 TC supe neat
 N28/9 Pure IgG 10 µg/mL

250 —
 148 —
 98 —
 64 —
 50 —